

# Kenneth Assogba

<https://kennethassogba.co>

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## EDUCATION

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- **Institut de Mathematiques et de Sciences Physiques (IMSP/UAC)** Dangbo, Benin  
*Master of Science in Fundamental Mathematics and Applications* Oct. 2017 – Present
- **Ecole Supérieure de Gestion d'Informatique et des Sciences (ESGIS)** Cotonou, Benin  
*Bachelor of Computer Science* Oct. 2016 – Dec. 2017
- **Institut de Mathematiques et de Sciences Physiques (IMSP/UAC)** Dangbo, Benin  
*Bachelor of Mathematics* Oct. 2015 – Jun. 2017
- **Institut de Mathematiques et de Sciences Physiques (IMSP/UAC)** Dangbo, Benin  
*Preparatory Classes in Mathematics and Physics (two-year highly selective classes)* Oct. 2013 – Jun. 2015

## EXPERIENCE

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- **OpenSi (<http://opensi.co>)** Cotonou, Benin  
*Jr Data Science Engineer* May 2018 - Present
  - **Credit Scoring Model:** Utilises remote sensing data alongside of traditional and alternative data points to assess the target population creditworthiness.
- **Solutis (<https://solutis-it.com>)** Cotonou, Benin  
*Software Engineer* Oct 2016 - Present
  - **SAC-TIC Project (SAC-TIC on Google Play Store):** Resulting from the collaboration between various actors of the water sector, SAC-TIC makes it possible to be informed in case of break or disturbances of the water distribution network, to receive tricks and advices.
  - **SAC-TIC Landing (<https://sac-tic.tk>):** Develop the SAC-TIC project homepage from the prototype made by the graphic designer.
  - **Solutis Website:** Design, build and optimize the company's website. Study analytics to improve user experience.
  - **Alpha-Benin CRM:** Working on a new service to allow Alpha-Benin to better analyze and process data from the work of its sales representatives.
- **EtriLabs (<https://etrilabs.com>)** Cotonou, Benin  
*Jr Software Engineer* Apr 2017 and Sep 2017
  - **Mongo Manager (<http://mongomanager.space>):** Allows to easily backup any mongodb database to a storage of your choice (AWS S3, Digital Ocean,...). Work on the backend app with NodeJs and Express.
  - **Nymeria:** Development of a community marketplace for people to list, discover, and book unique accommodations online or from a mobile phone or tablet.
- **Google Developer Group Porto-Novo** Porto-Novo, Benin  
*Developer Content Advisor* Jan 2018 - Present
  - **Organisation:** Organizing and delivering workshops about Google and open source technologies to participants
  - **Formation:** Presentations and codelab about: NodeJS and PWA

## PROJECTS

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- **InoTech (<https://ino-tech.net>):** Ino-tech is an ambitious media founded in 2017 to study and show how technology is changing our lives.
- **Virtualenv + Docker:** On each new computer, I have to install lots of Python libraries in virtualenv. For example Dataenv= Tensorflow, Keras, Matplotlib, Seaborn,... The project is to write dockerfile for each env. It'll permit to install each env in one command.
- **Auto completion for Jupyter Notebook:** Create Chrome and Firefox extension to enable auto completion for Python and Latex in Jupyter Notebook.
- **[blog.kennethassogba.co](https://blog.kennethassogba.co):** Blog that talk about computational mathematics and machine learning.